

What is claimed is:

1. A nonwoven structure comprising binder fibers and having a center and an outer surface wherein said structure has less than 5 times more oxidation at said outer surface than at said center.
- 5 2. The nonwoven structure of claim 1 wherein said structure has less than 3 times more oxidation at said outer surface than at said center.
3. The nonwoven structure of claim 1 further comprising superabsorbent.
4. The nonwoven structure of claim 3 further comprising natural fibers.
5. The nonwoven structure of claim 1 which has been thermally bonded with
- 10 electromagnetic radiation.
6. The nonwoven structure of claim 6 wherein said electromagnetic radiation is microwave radiation.
7. The nonwoven structure of claim 1 wherein said binder fiber has an energy receptive additive.
- 15 8. The structure of claim 7 wherein said binder fiber has a dielectric loss of between 0.5 to 15.
9. The structure of claim 7 wherein said binder fiber has a dielectric loss of between 1 to 15.
10. The structure of claim 7 wherein said binder fiber has a dielectric loss of between 5
- 20 to 15.
11. The structure of claim 7 wherein said energy receptive additive is selected from the group consisting of carbon black, magnetite, silicon carbide, calcium chloride.
12. The structure of claim 7 wherein said energy receptive additive is present in an amount between 2 and 40 weight percent of said binder fiber.
- 25 13. The structure of claim 7 wherein said energy receptive additive is present in an amount between 5 and 15 weight percent of said binder fiber.

14. The structure of claim 7 wherein said binder fiber is a bicomponent fiber selected from the type consisting of sheath/core and island in the sea.
15. The structure of claim 7 wherein said binder fiber is a sheath/core bicomponent fiber and said additive is present in said sheath.
- 5 16. The structure of claim 7 wherein said binder fiber is a sheath/core bicomponent fiber and said additive is present in said core.
17. The structure of claim 4 wherein said superabsorbent, natural fibers and binder fibers are homogeneously mixed.
18. The structure of claim 4 wherein said superabsorbent, natural fibers and binder fibers are heterogeneously mixed.
- 10 19. The structure of claim 18 wherein said binder fibers vary in concentration in an X-Y plane.
20. The structure of claim 18 wherein said binder fibers vary in concentration in a Z direction.
- 15 21. The structure of claim 4 having a density, wherein said density varies in an X – Y plane.
22. The structure of claim 4 having a density, wherein said density varies in a Z – direction.
23. The structure of claim 4 having a thickness, wherein said thickness varies in an X – Y plane.
24. A nonwoven structure comprising superabsorbent, pulp, and binder fiber, said binder fiber having energy receptive additive in an amount between 5 and 15 weight percent and having a dielectric loss of at least 0.5, wherein said structure has been subjected to microwave radiation to activate said binder fiber and bond said structure.
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